CIVIL PRO
AN ISO 9001 : 2008 COMPANY
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2018-09-01-01**	**Date: 03-09-18**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.	
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.	
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015	
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	01-09-18	
Sample ID No	:	2018-09-01-01 /04	
Sample Type	:	Sunvik	
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.	
Date of test:	:	01-09-18	

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.395	542	667	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.613	561	683	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.883	579	692	19.0%	Satisfactory	Satisfactory

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | SURVEYING SERVICES |

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2018-09-01-01** **Date: 05-09-18**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /05
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	01/09/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.49	1.345	4477	85.9	19.2	17.8	22.3
2	Cover Slab-2	75.52	100.47	1.399	4478	87.4	19.5	18.1	22.7
3	Cover Slab-3	75.49	100.51	1.375	4475	85.4	19.1	17.7	22.2

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
SURVEYING SERVICES |

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 3548

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2018-09-01-01** **Date: 03-09-18**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP,
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosahalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	01-09-18
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.33	–
2	Finess by Air permeablity method (m^2/kg,Min)	295.6	225m^2/kg, Min
3	Density (gm/cc)	3.15	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	255 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2018-09-01-01** **Date: 08-09-18**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	01-09-18
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	29.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.5N/mm^2	Not less than 37 N/mm^2

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2018-09-01-01** **Date: 04-09-18**
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /02(a)
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	01-09-18

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	389	389	2.6	97.4	90-100
3	20 mm	6965	7354	49.0	51.0	30-70
4	10 mm	4699	12053	80.4	19.6	10-35
5	4.75 mm	2588	14641	97.6	2.4	0-5
6	Pan	359	15000	100.0	0	---

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL PRO BANGALORE Sig..... Date.....

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : **CP-2018-09-01-01** **Date: 04-09-18**

Sample ID No : 2018-09-01-01 /02(a)

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	**13.9**	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	**11.6**	
3	Specific Gravity	**2.62**	–
4	Bulk Density(Loose) (Kg/l)	**1.40**	–
5	Bulk Density(Compacted) (Kg/l)	**1.45**	–
6	Water Absorption(%)	**0.28**	–

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	CP-2018-09-01-01 Date: 03-09-18
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /02(b)
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	01-09-18

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	258	258	5.2	94.8	90-100
3	10 mm	3185	3443	68.9	31.1	25-55
4	4.75 mm	1405	4848	97.0	3.0	0-10
5	Pan	152	5000	100	0	–

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL Pro Sig..... Date..... BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2018-09-01-01 Date: 03-09-18

Sample ID No : 2018-09-01-01 /02(b)

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	13.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.8	
3	Specific Gravity	2.64	–
4	Bulk Density(Loose) (Kg/l)	1.42	–
5	Bulk Density(Compacted) (Kg/l)	1.47	–
6	Water Absorption(%)	0.28	–
7	Aggregate crushing Value(%)	23.7	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	25.4	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signature
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Lab ID	:	CP-2018-09-01-01
		Date: 03-09-18
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.
Address	:	Vidyaranyapura Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.
Agency	:	Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015
Customer's Reference	:	BBMP/EE/BTP/WO/100/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-09-18
Sample ID No	:	2018-09-01-01 /03
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	01-09-18
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	18	18	1.8	98.2	90-100	90-100	90-100	95-100
3	2.36 mm	128	146	14.6	85.4	60-95	75-100	85-100	95-100
4	1.18 mm	214	360	36.0	64.0	30-70	55-90	75-100	90-100
5	600 micron	201	561	56.1	43.9	15-34	35-59	60-79	80-100
6	300 micron	248	809	80.9	19.1	5-20	8-30	12-40	15-50
7	150 micron	147	956	95.6	4.4	0-10	0-10	0-10	0-15
8	Pan	44	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL PRO
Sig.....
Date.....
BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2018-09-01-01 Date: 03-09-18

Sample ID No : 2018-09-01-01 /03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.26	–
2	Specific Gravity	2.54	–
3	Material finer than 75 micron(%)	3.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5543

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

	: CP-2018-09-06-01	Date: 12/09/2018
Lab ID	: Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.	
Customer	: Vidyaranyapura Sub Division, BBMP, Bangalore.	
Address	: Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.	
Project Name	: Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015	
Agency	: BBMP/EE/BTP/WO/100/2018-19	
Customer's Reference	: Sample supplied by Agency	
Source of Sample	: Satisfactory	
Sample Condition	: 06-09-18	
Date of Receipt	: 2018-09-06-01 /01	
Sample ID No	: M20 Concrete(RMC)	
Customer ID	: 150X150X150 mm	
Sample Type /Size	: M20 / 7 Days Compressive Strength	
Sample grade/Age	: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5	
Reference to BIS codes		

Date of test : 12/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	151.20 X 149.55 X 149.66	22612	8.201	398.0	17.6	17.7
2	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	151.75 X 150.42 X 151.63	22826	8.158	413.2	18.1	
3	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.44 X 151.45 X 149.75	22784	8.163	394.2	17.3	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig..... Date.....

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC- 5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-09-06-01 Date: 12/09/2018

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.

Agency : Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015

Customer's Reference : BBMP/EE/BTP/WO/100/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-09-18

Sample ID No : 2018-09-06-01 /02

Customer ID : M20 Concrete(RMC)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	151.21 X 149.66 X 151.23	22630	8.115	427.7	18.9	18.3
2	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.44 X 150.75 X 149.87	22679	8.165	394.6	17.4	
3	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.23 X 151.22 X 149.63	22718	8.172	422.6	18.6	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC- 5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-09-06-01

Date: 12/09/2018

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.

Agency : Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015

Customer's Reference : BBMP/EE/BTP/WO/100/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-09-18

Sample ID No : 2018-09-06-01 /03

Customer ID : M20 Concrete(RMC)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.03 X 151.74 X 151.46	22614	8.215	409.3	18.1	18.1
2	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.88 X 151.02 X 151.24	22635	8.175	398.4	17.6	
3	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.68 X 149.58 X 150.58	22539	8.163	417.0	18.5	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig..... Date.....

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-1649

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-09-06-01

Date: 12/09/2018

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.

Agency : Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015

Customer's Reference : BBMP/EE/BTP/WO/100/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-09-18

Sample ID No : 2018-09-06-01 /04

Customer ID : M20 Concrete(RMC)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.68 X 150.24 X 150.44	22488	8.116	418.3	18.6	18.0
2	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.75 X 151.02 X 151.44	22615	8.174	386.7	17.1	
3	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.63 X 150.46 X 150.53	22664	8.175	414.7	18.3	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

****End of Report****

Scanned by CamScanner

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-[illegible]

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-09-06-01

Date: 12/09/2018

Customer : Assistant Executive Engineer, Vidyaranyapura Sub Division, BBMP, Bangalore.

Address : Vidyaranyapura Sub Division, BBMP, Bangalore.

Project Name : Improvements to roads and Drains at Hosabalu nagara in Ward No.11 (Kuvempunagara) in Vidyaranyapura Sub Division.

Agency : Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015

Customer's Reference : BBMP/EE/BTP/WO/100/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-09-18

Sample ID No : 2018-09-06-01 /05

Customer ID : M20 Concrete(RMC)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/09/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.66 X 151.24 X 150.47	22635	8.201	418.7	18.5	18.1
2	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	150.42 X 150.75 X 151.22	22676	8.195	399.1	17.6	
3	M20 Concrete(RMC)	M20	05/09/2018	12/09/2018	149.63 X 150.74 X 151.22	22555	8.168	408.2	18.1	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Scanned by CamScanner

RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

To,

Date: 05-10-2018

ASSISTANT EXECUTIVE ENGINEER

VIDYARANYAPURA SUB DIVISION

BBMP

BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of IMPROVEMENTS TO ROADS AND DRAINS AT HOSABALU NAGARA IN WARD NO.11 (KUVEMPUNAGARA) IN VIDYARANYAPURA SUB DIVISION.

Ref: 1. Work Order No: BBMP/EE/BTP/WO/100/2018-19

2. Job code: 011-18-000076

We are here with forwarding to Sri. Kiran Krishna Reddy, Sriram nilaya, SRS Building Oppt, K.G.Halli, Jalahalli, Bangalore-560015. First and Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs.13,95,352 /- (Rs. Thirteen Lakhs Ninety Five Thousand Three Hundred and Fifty Two Only).

Thanking you,

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Yours faithfully,

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

Scanned by CamScanner